



PTO/SB/17 (6-95)(modified)
Approved for use through 11/30/96, OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

0002/PTO(modified)
Rev. 10/95

U.S. Department of Commerce
Patent and Trademark Office

FEE TRANSMITTAL

TOTAL AMOUNT OF PAYMENT

Subtotal (1) + Subtotal (2) + Subtotal (3) =

(\$190.00)

Complete if Known

Application Number	09/083,769
Filing Date	May 22, 1998
First Named Inventor	Gerard McGoogan
Group Art Unit	2836
Examiner Name	Sally Medley
Attorney Docket Number	3454

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to:

- ☐ Charge the indicated fees to the below mentioned deposit account.
- ☒ Charge any additional fee required under 37 CFR 1.16 - 1.21 or credit any over payments to the below mentioned deposit account.[†]
- ☐ Charge the Issue Fee set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b) to the below mentioned deposit account.

Deposit Account Number: 19-2555

Deposit Account Name: FENWICK & WEST LLP

A Duplicate Copy of this authorization is attached

2. ☒ Payment Enclosed:

☒ [X] Check ☐ [] Other

FEE CALCULATION (fees effective 11/12/98)

1. FILING FEE

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due
101/\$760	201/\$380	Utility Filing	<input type="text"/>
106/\$310	206/\$155	Design Filing	<input type="text"/>
108/\$760	208/\$380	Reissue Filing	<input type="text"/>
114/\$150	214/\$75	Provisional Filing	<input type="text"/>
SUBTOTAL (1)			(\$0)

2. CLAIMS

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description
103/\$18	203/\$9	Claims in excess of 20
102/\$78	202/\$39	Independent claims in excess of 3
104/\$260	204/\$130	Multiple dependent claim
109/\$78	209/\$39	Reissue independent claims over original patent
110/\$18	210/\$9	Reissue claims in excess of 20 and over original patent

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due
105/\$130	205/\$65	Surcharge - late filing fee or oath	<input type="text"/>
127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet	<input type="text"/>
147/\$2,520	147/\$2,520	For filing a request for reexamination	<input type="text"/>
115/\$110	215/\$55	Extension for response within first month [†]	<input type="text"/>
116/\$380	216/\$190	Extension for response within second month [†]	190.
117/\$870	217/\$435	Extension for response within third month [†]	<input type="text"/>
118/\$1,360	218/\$680	Extension for response within fourth month [†]	<input type="text"/>
128/\$1,850	228/\$925	Extension for response within fifth month [†]	<input type="text"/>
119/\$300	219/\$150	Notice of Appeal	<input type="text"/>
141/\$1,210	241/\$605	Petition to revive unintentionally abandoned application	<input type="text"/>
142/\$1,210	242/\$605	Utility Issue Fee (Or Reissue)	<input type="text"/>
143/\$430	243/\$215	Design Issue Fee	<input type="text"/>
122/\$130	122/\$130	Petitions to the Commissioner	<input type="text"/>
123/\$50	123/\$50	Petitions related to provisional applications	<input type="text"/>
126/\$240	126/\$240	Submission of Information Disclosure Statement	<input type="text"/>
581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)	<input type="text"/>
146/\$760	246/\$380	Filing a submission after final rejection (37 CFR 1.129(a))	<input type="text"/>
149/\$760	249/\$380	For each additional invention to be examined (37 CFR 1.129(b))	<input type="text"/>

Other fee (specify):

Other fee (specify):

SUBTOTAL (3) (\$190.00)

(Col. 1)		(Col. 2)		(Col. 3)		Fee	Fee Due
For	No. of Existing Claims		Highest No. Previously Paid For	Extra**			
TOTAL	20	minus*	20 or 21	=		x	0
INDEP	5	minus*	3 or 5	=		x	0
[] First presentation of multiple dependent claim							0

* Subtract the greater number of Col. 2

** If the difference between Col. 1 and Col. 2 is less than zero, then enter "0" in Col. 3

SUBTOTAL (2) (\$0)

SUBMITTED BY

Typed or Printed Name **Greg J. Sueoka**

Signature

Complete (if applicable)

Reg. Number **33,800**

Date

June 4, 1999

[†] Request for Extension of Time per 37 CFR 1.136 (a)(3) made hereby



IN THE UNITED STATES

PATENT AND TRADEMARK OFFICE

APPLICANT: Gerard McGoogan
SERIAL NO.: 09/083,769
FILING DATE: May 22, 1998
TITLE: Improvements In Intrinsically Safe Circuits
EXAMINER: Sally Medley
GROUP ART UNIT: 2836
ATTY. DKT. NO.: 3454

Amend
5/A

6-11-99

T. Flower

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner For Patents, Washington, DC 20231, on the date printed below:

Dated: 6/4/99

By:

Greg T. Sueoka, Reg. No.: 33,800

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

AMENDMENT A

RECEIVED

JUN 10 1999

TECHNOLOGY CENTER 2800

Sir:

Responsive to the official action mailed January 4, 1999, please amend the above-referenced application as set forth below.

IN THE ABSTRACT:

Please replace lines 4-23 of the abstract with the following:

A

06/09/1999 RTRENT 0000055 0903769
01 FC216
190.00 00